U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing, Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

DPM 5278

MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.
MAGNAFLUX SURFACE CONDITIONERS, INC.	415/489-8111

ADDRESS (Number, Street, City, State, and ZIP Code)
301 Daggett Street Union City, California 94587

CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS
	MIL-C-25769 (JET CLENE)
CHEMICAL FAMILY	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	212	SPECIFIC GRAVITY (H_2O=1)	1.03
VAPOR PRESSURE (mm Hg.)		PERCENT, VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____ =1)	
SOLUBILITY IN WATER	Complete		
APPEARANCE AND ODOR	Clear brown liquid; mild odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	Lel	Uel
None			

EXTINGUISHING MEDIA

SPECIAL FIRE FIGHTING PROCEDURES

UNUSUAL FIRE AND EXPLOSION HAZARDS

(Continued on reverse side)

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

EFFECTS OF OVEREXPOSURE

EMERGENCY AND FIRST AID PROCEDURES In case of skin or eye contact, flush with water.

If eye irritation persists, contact physician.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATABILITY *(Materials to avoid)*

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Flush to drain with water.

WASTE DISPOSAL METHOD Determined by local pollution standards.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION *(Specify type)*

VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL *(General)*	OTHER

PROTECTIVE GLOVES Rubber or polyethylene	EYE PROTECTION

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

OTHER PRECAUTIONS

MAGNAFLUX Surface Conditioners, Inc. | Home Office | 6935 West 62nd Street | Chicago, IL 60638
Telephone 312 586-8000
West Coast | 301 Daggett Street | Union City, CA 94587
Telephone 415 489-8111

MAGNAFLUX

Surface Conditioners **Technical Data**

JET CLENE

GENERAL DESCRIPTION

JET CLENE is a concentrated alkaline cleaner designed especially for cleaning the exterior of piston and jet aircraft safely and economically. It is a water base material, and can be used on painted or unpainted surfaces. It effectively removes smoke trails, light carbon deposits, and soils.

OPERATING DATA

Equipment: No special equipment is required. Mild steel tanks or spray equipment is adequate.

Concentration: For the cleaning of painted and unpainted surfaces, dilute 1 part JET CLENE to 5 parts of water. Decrease concentration for lesser soiled areas.

Temperature: JET CLENE is normally used at room temperature in order to conserve energy. However, it is also completely stable when used in hot pressure washers or steam equipment.

Usage: JET CLENE should be allowed to stand 3-5 minutes on aircraft surface and then wiped off with a dry mop or flushed with a stream of water. If possible, prior to rinsing, agitate surfaces with a mop or brush.

PHYSICAL CHARACTERISTICS

Form	Liquid
Color	Brown
Odor	Mild solvent
Emulsification	Excellent
pH (1%)	10.5
Rinsing	Complete
Hard Water	Stable
Foam	Moderate
Solubility	Complete
Crazing	Non-crazing

SAFETY FACTORS

Standard protective clothing and ventilation are all that is necessary when using JET CLENE. In case of skin or eye contact, flush area with water.

APPROVALS

JET CLENE is QPL approved to Military Specification MIL-C-25769J. It passes the hydrogen embrittlement requirements; making it safe on high strength steel parts. It also meets all the requirements of Douglas Aircraft Service Bulletin CSD #1, Type I and Boeing Document D6-17487, Classification A.